



ANNUAL REPORT
OF THE
Department of Public Works
OF THE
PROVINCE OF ALBERTA
1928-29

PUBLISHED BY ORDER OF THE LEGISLATIVE ASSEMBLY

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1929

Edmonton, March 31, 1929.

To His Honour

WILLIAM EGBERT,

Lieutenant Governor of the Province of Alberta.

SIR:

The undersigned has the honour to submit herewith the Report of the Department of Public Works for the fiscal year ending March 31, 1929.

Respectfully submitted,

O. L. MCPHERSON,

Minister of Public Works.

CONTENTS

	Page
Report of Deputy Minister of Public Works.....	7
Main Highways Maintenance	8
Roads and Ferries	9
Annual Report, Main Highways	15
Bridge Engineer's Report	20
Surveys Branch	21
Building Maintenance Branch	22
Power Plants	25
Provincial Gaol, Fort Saskatchewan	28
Provincial Gaol, Lethbridge	32

REPORT

OF THE
DEPUTY MINISTER OF PUBLIC WORKS
For the Fiscal Year Ending March 31, 1929.

HON. O. L. McPHERSON,
Minister of Public Works.

SIR:

I have the honour to submit herewith the Report of the Department of Public Works, for the fiscal year ending March 31, 1929.

The report of the Chief District Engineer submitted herewith contains the mileage and cost of main highways maintained, Capital and Income grants earned by municipal authorities on district highways and local roads, and ferries operated, with the cost of operation and maintenance of each.

The report of the Highway Commissioner submitted herewith contains full details of contracts awarded for the improvement of main highways, the mileage of sub-grade constructed and the mileage surfaced with gravel, also a detailed statement showing the cost of construction and gravel surfacing on the various highways in the Province. It will be noted that the work of gravel surfacing these main highways has added an additional 200 miles to the main highway system—thus bringing the total number of gravel surfaced miles in the highway system up to approximately 615.

The reports of the Provincial Gaols will show that there has been a considerable increase in the number of prisoners during the past year. The total daily average for the two gaols for the past year being 382.68, as against 302.09 for the previous year, showing a daily average increase of 80.59.

I also submit herewith the following reports from other branches of your Department:

The report of the Bridge Engineer, showing the number of bridges constructed and maintained during the year, together with the details of steel bridges constructed.

The report of the Director of Surveys, containing detailed work of the Surveys Branch of your Department.

The report of the Superintendent of Buildings, with details covering the construction and maintenance of Provincial buildings.

The report of the Superintendent of Power Plants, dealing with the work of his branch of your Department.

The report of the Chief Clerk, as required by Section 22 of The Public Vehicles Act, 1927.

Respectfully submitted,

J. D. ROBERTSON,
Deputy Minister.

MAIN HIGHWAYS MAINTENANCE—DISTRICT HIGHWAYS AND LOCAL ROADS—FERRY CONSTRUCTION AND OPERATION

(H. P. KEITH, *Chief District Engineer*)

STATEMENT OF EXPENDITURE FROM INCOME FOR THE FISCAL YEAR ENDING MARCH 31, 1929, FOR THE MAINTENANCE OF MAIN HIGHWAYS

Location.	Miles.	Amount Expended.
Edmonton to Calgary—		
Sec. A. Calgary-Red Deer	95.0	\$ 43,927.35
Sec. B. Red Deer-Wetaskiwin	54.0	10,133.58
Sec. C. Wetaskiwin-Edmonton	37.0	16,862.54
Calgary to Banff Park Boundary.....	49.0	11,600.48
Calgary to Medicine Hat—		
Sec. A. Calgary-E. Bdry. Rg. 16-4	101.0	10,026.08
Sec. B. E. Bdry. Rg. 16-4 Medicine Hat	99.0	2,973.63
Calgary to U. S. Boundary—		
Sec. A. Calgary-Nanton	54.0	54,286.22
Sec. B. Nanton-Carway	110.0	16,206.97
Walsh to Crow's Nest—		
Sec. A. Walsh-Grassy Lake	86.0	2,523.98
Sec. B. Grassy Lake-Crow's Nest.....	157.0	45,554.11
Lethbridge to Coutts	75.0	10,529.31
Calgary to Bowness Park	4.5	2,525.33
Hanna to Viking—		
Sec. A. Hanna-Battle River	65.0	4,623.79
Sec. B. Battle River-Viking	53.0	2,835.46
Calgary to Alsask—		
Sec. A. Inverlake-Drumheller	70.0	4,586.44
Sec. B. Drumheller-Alsask	155.0	10,438.47
Lacombe to Coronation—		
Sec. A. Lacombe-Halkirk	76.0	3,904.27
Sec. B. Halkirk-Coronation	41.0	2,130.92
Wetaskiwin to Hayter—		
Sec. A. Wetaskiwin-Bittern Lake	17.0	595.18
Sec. B. Bittern Lake-Hayter	169.0	13,719.89
Edmonton to Wainwright	147.0	11,222.62
Edmonton to Lloydminster—		
Sec. A. Edmonton-Chipman	44.0	24,185.72
Sec. B. Chipman-E. Bdry. Rg. 13	51.0	5,222.57
Sec. C. E. Bdry. Rg. 13-Lloydminster	91.0	3,104.51
Edmonton to Edson	140.0	16,540.98
Edmonton to Athabasca	90.0	8,362.71
Edmonton to N.E. 24-53-19-4	29.0	2,615.83
Grande Prairie to Pouce Coupe	65.0	8,166.27
Athabasca to Peace River—		
Sec. A. Athabasca-N. Bdry. Tp. 68	30.0	509.60
Sec. B. N. Bdry. Tp. 68-Peace River	210.0	7,761.46
Red Deer to Rocky Mountain House	50.0	5,434.60
Peace River to Grande Prairie—		
Sec. A. Peace River-6th Meridian	40.0	2,841.54
Sec. B. Sixth Meridian-Grande Prairie	96.0	5,643.30
Drumheller to Rosedale	4.3	1,046.52
Totals.....	2,654.8	\$372,592.23

The maintenance of the following roads during the season 1928-29, although not included in the Main Highways System, was paid for under the authority of Section 30, Public Highways Act, out of monies voted from Income for the Maintenance of Main Highways:

Location.	Miles.	Amount Expended.
Cardston to Waterton Lakes Park	25.0	\$6,521.76
Pincher Creek to Waterton Lakes Park	33.0	1,649.66
Okotoks to Black Diamond	17.0	3,293.48
St. Albert to Alberta Beach	43.0	2,009.63
W. of Clyde to Ft. Assiniboine	55.0	4,468.89
Coronation to Compeer	76.0	2,899.96
Wainwright to Butze	48.0	1,424.99
Totals.....	297.0	\$22,268.37

SUMMARY

Maintenance of Main Highways	\$372,592.23
Maintenance of Additional Roads	22,268.37
General: Administration and Supervision	20,058.13
Machinery and Equipment	19,538.10
Sundries	2,593.19
Total Expenditure	\$437,050.02

ROADS AND FERRIES

The total number of Ferries operated by the Department during the period April 1st, 1928, to March 31st, 1929, was 53.

The Ferry over the North Saskatchewan River at the 4th Meridian, north of Lloydminster, was operated by the Saskatchewan Government. This Department paid 50% of the cost of operation.

New scows were built in connection with the following Ferries:

Athabasca River at Athabasca.
 Big Smoky River at Goodwin Crossing.
 North Saskatchewan River at Genesee.
 North Saskatchewan River at Vinca.
 North Saskatchewan River at Waskatenau.
 North Saskatchewan River at Brosseau.
 Pembina River South of Fawcett.
 Red Deer River West of Munson.
 Red Deer River North of Jenner.
 South Saskatchewan River South of Empress.

The expenditure for roads under Votes 707-B and 771-B was controlled by allotments to Improvement Districts and grants to Municipal Districts.

Expenditures controlled by this Department Branch during the period April 1st, 1928, to March 31st, 1929, were as follows:

Ferries Maintenance	\$ 54,337.66
Ferries Construction	11,189.42
District Highways	390,125.69
Local Roads	243,643.20
Main Highways Maintenance	437,050.02
Total.....	<u>\$1,136,345.99</u>

STATEMENT OF EXPENDITURE ON CONSTRUCTION AND MAINTENANCE OF DISTRICT AND LOCAL ROADS, APRIL 1st, 1928, TO MARCH 31st, 1929

I.D. or M.D. No.	Income.	Capital.	Total.
I.D. 2.....	\$ 60.30	.....	\$ 60.30
I.D. 3.....	73.75	.....	73.75
I.D. 4.....	65.00	\$ 1,214.75	1,279.75
I.D. 5.....	486.50	910.00	1,396.50
I.D. 6.....	451.80	459.35	911.15
I.D. 7.....	536.20	1,106.00	1,642.20
I.D. 8.....	549.20	480.30	1,029.50
I.D. 9.....	526.85	88.50	615.35
M.D. 10.....	371.00	410.00	781.00
I.D. 31.....	189.50	.....	189.50
I.D. 32.....	395.82	227.45	622.77
M.D. 33.....	263.50	149.80	413.30
M.D. 34.....	20.37	1,260.00	1,280.37
I.D. 35.....	413.00	1,025.25	1,438.25
M.D. 36.....	600.00	406.00	1,006.00
M.D. 37.....	602.70	832.00	1,434.70
I.D. 38.....	494.25	436.75	931.00
M.D. 39.....	600.00	1,080.00	1,680.00
M.D. 40.....	452.90	325.00	777.90
I.D. 61.....	579.50	1,054.60	1,634.10
I.D. 62.....	488.75	12.55	501.30
I.D. 63.....	415.12	.....	415.12
M.D. 64.....	266.07	940.00	1,206.07
M.D. 65.....	501.90	660.00	1,161.90
I.D. 66.....	591.20	380.00	971.20
I.D. 67.....	767.80	808.30	1,576.10
I.D. 68.....	453.00	572.00	1,025.00
M.D. 69.....	787.50	450.00	1,237.50
M.D. 70.....	825.00	750.00	1,575.00
I.D. 71.....	5.28	.....	5.28
I.D. 91.....	630.20	1,071.25	1,701.45
M.D. 92.....	336.12	684.00	1,020.12
I.D. 93.....	98.30	.....	98.30
M.D. 94.....	80.87	150.45	231.32
I.D. 96.....	495.00	1,423.00	1,918.00

DEPARTMENT OF PUBLIC WORKS

I.D. or M.D. No.	Income.	Capital.	Total.
I.D. 97.....	\$ 768.20	\$ 1,455.65	\$ 2,223.85
M.D. 98.....	803.60	1,971.00	2,774.60
M.D. 99.....	781.20	874.00	1,655.20
I.D. 100.....	587.50	831.35	1,418.85
I.D. 101.....	105.00	.....	105.00
I.D. 121.....	353.48	897.30	1,250.78
I.D. 122.....	405.00	702.00	1,107.00
I.D. 123.....	252.00	.....	252.00
I.D. 125.....	371.10	701.50	1,072.60
I.D. 126.....	428.00	810.00	1,238.00
M.D. 127.....	519.40	1,647.00	2,166.40
M.D. 128.....	583.80	1,215.00	1,798.80
M.D. 129.....	936.60	800.00	1,736.60
I.D. 130.....	491.30	593.60	1,084.90
I.D. 131.....	213.50	.....	213.50
I.D. 151.....	526.50	819.00	1,345.50
I.D. 152.....	409.50	374.40	783.90
I.D. 153.....	432.00	540.00	972.00
I.D. 155.....	483.55	.....	483.55
I.D. 156.....	564.84	1,061.16	1,626.00
M.D. 157.....	828.80	1,944.00	2,772.80
M.D. 158.....	874.30	1,485.00	2,359.30
M.D. 159.....	903.00	1,750.00	2,653.00
I.D. 160.....	489.00	349.50	838.50
I.D. 161.....	160.75	.....	160.75
I.D. 181.....	553.35	620.00	1,173.35
I.D. 182.....	465.87	.....	465.87
M.D. 183.....	534.80	1,240.00	1,774.80
I.D. 185.....	554.08	.....	554.08
I.D. 186.....	486.00	339.25	825.25
M.D. 189.....	1,059.80	1,890.00	2,949.80
M.D. 190.....	800.00	1,225.95	2,025.95
M.D. 191.....	824.60	1,248.00	2,072.60
I.D. 211.....	183.60	729.50	913.10
I.D. 212.....	491.85	571.00	1,062.85
I.D. 213.....	289.25	306.75	596.00
M.D. 214.....	521.00	180.00	701.00
M.D. 215.....	346.50	500.00	846.50
I.D. 216.....	496.25	702.00	1,198.25
I.D. 217.....	572.80	848.15	1,420.95
M.D. 218.....	707.00	1,058.00	1,765.00
M.D. 219.....	708.40	1,225.00	1,933.40
M.D. 220.....	665.70	792.00	1,457.70
M.D. 221.....	437.50	1,352.00	1,789.50
I.D. 222.....	580.35	216.00	796.35
M.D. 241.....	595.00	995.00	1,590.00
M.D. 242.....	571.90	840.00	1,411.90
M.D. 243.....	480.00	1,156.00	1,636.00
M.D. 244.....	536.90	831.60	1,368.50
M.D. 245.....	536.90	812.00	1,348.90
I.D. 246.....	.....	177.70	177.70
I.D. 247.....	618.30	1,296.00	1,914.30
M.D. 248.....	726.60	1,404.00	2,130.60
M.D. 249.....	796.00	925.00	1,721.00
M.D. 250.....	900.20	1,081.00	1,981.20
I.D. 251.....	593.00	649.60	1,242.60
I.D. 252.....	478.25	200.00	678.25
M.D. 271.....	571.90	810.00	1,381.90
M.D. 272.....	571.90	1,040.00	1,611.90
M.D. 273.....	543.90	570.00	1,113.90
M.D. 274.....	550.90	677.00	1,227.90
M.D. 275.....	650.30	871.00	1,521.30
M.D. 277.....	683.20	886.00	1,569.20
M.D. 278.....	935.90	1,196.00	2,131.90
M.D. 279.....	804.30	1,275.00	2,079.30
M.D. 280.....	937.30	1,008.00	1,945.30
M.D. 281.....	804.30	739.63	1,543.93
I.D. 282.....	676.07	712.36	1,388.43
M.D. 301.....	435.00	872.00	1,307.00
M.D. 302.....	545.00	1,271.60	1,816.60
M.D. 303.....	543.00	485.00	1,028.00
M.D. 304.....	501.90	696.00	1,197.90
M.D. 305.....	606.20	350.00	956.20
M.D. 306.....	584.25	850.50	1,434.75
M.D. 307.....	595.00	887.20	1,482.20
M.D. 308.....	865.90	2,040.00	2,905.90
M.D. 309.....	839.30	1,496.00	2,335.30
M.D. 310.....	991.90	1,080.00	2,071.90
M.D. 311.....	858.20	1,496.00	2,354.20
M.D. 312.....	1,131.20	1,360.00	2,491.20
I.D. 331.....	612.15	1,406.15	2,018.30
I.D. 332.....	619.00	1,191.00	1,810.00
I.D. 333.....	684.85	1,255.30	1,940.15
M.D. 334.....	1,024.10	1,554.00	2,578.10
M.D. 335.....	445.20	551.00	996.20
M.D. 336.....	831.60	1,734.00	2,565.60
M.D. 337.....	826.10	1,360.00	2,186.10
M.D. 338.....	966.00	2,397.40	3,363.40
M.D. 339.....	793.80	1,972.00	2,765.80
M.D. 340.....	1,036.00	1,472.00	2,508.00

ANNUAL REPORT, 1928-29

11

I.D. or M.D. No.	Income.	Capital.	Total.
M.D. 341.....	\$ 904.40	\$ 1,353.00	\$ 2,257.40
M.D. 342.....	872.20	1,870.00	2,742.20
M.D. 343.....	720.30	1,292.00	2,012.30
M.D. 361.....	726.60	1,551.00	2,277.60
M.D. 362.....	752.00	921.00	1,676.00
M.D. 363.....	796.60	1,056.00	1,852.60
M.D. 364.....	979.00	2,046.00	3,025.00
M.D. 365.....	891.80	440.80	1,332.60
M.D. 366.....	683.90	1,674.00	2,357.90
M.D. 367.....	867.30	1,457.00	2,324.30
M.D. 371.....	946.40	1,258.00	2,204.40
M.D. 391.....	814.00	1,276.00	2,090.00
M.D. 392.....	558.00	1,353.00	1,911.00
M.D. 393.....	761.60	462.00	1,223.60
M.D. 394.....	594.00	676.00	1,270.00
M.D. 395.....	817.60	1,410.00	2,227.60
M.D. 396.....	702.00	1,815.00	2,517.00
M.D. 397.....	697.00	1,353.00	2,050.00
M.D. 398.....	907.20	1,760.00	2,667.20
M.D. 399.....	1,260.70	1,176.00	2,436.70
M.D. 400.....	882.70	1,178.00	2,060.70
M.D. 401.....	1,196.30	1,581.00	2,777.30
I.D. 403.....	671.15	850.00	1,521.15
M.D. 421.....	796.60	1,419.00	2,215.60
M.D. 422.....	720.00	500.00	1,220.00
M.D. 423.....	761.60	783.00	1,544.60
M.D. 424.....	522.00	729.00	1,251.00
M.D. 425.....	953.00	660.00	1,613.00
M.D. 426.....	947.00	1,650.00	2,597.00
M.D. 427.....	949.00	1,833.00	2,782.00
M.D. 428.....	558.60	1,023.00	1,581.60
M.D. 429.....	952.00	1,024.00	1,976.00
M.D. 430.....	893.20	1,326.00	2,219.20
M.D. 431.....	847.00	714.00	1,561.00
M.D. 451.....	804.30	2,046.00	2,850.30
M.D. 452.....	691.30	1,141.35	1,832.65
M.D. 453.....	812.00	1,322.50	2,134.50
M.D. 454.....	740.00	1,188.00	1,928.00
M.D. 455.....	839.00	936.00	1,775.00
M.D. 456.....	839.30	2,240.00	3,079.30
M.D. 457.....	845.45	1,363.00	2,208.45
M.D. 458.....	1,229.20	1,550.00	2,779.20
M.D. 459.....	982.80	1,802.00	2,784.80
M.D. 460.....	687.40	2,040.00	2,727.40
I.D. 461.....	798.60	783.55	1,582.15
I.D. 462.....	252.00	.....	252.00
M.D. 481.....	677.26	1,104.10	1,781.36
M.D. 482.....	921.20	1,683.00	2,604.20
M.D. 483.....	830.20	1,197.50	2,027.70
M.D. 484.....	736.50	1,386.80	2,123.30
M.D. 485.....	611.00	1,530.00	2,141.00
M.D. 486.....	861.00	566.00	1,427.00
M.D. 487.....	1,195.00	1,500.00	2,695.00
M.D. 488.....	774.00	1,126.00	1,900.00
M.D. 489.....	1,183.00	1,638.00	2,821.00
M.D. 490.....	829.50	2,346.00	3,175.50
I.D. 491.....	584.74	1,288.00	1,872.74
M.D. 511.....	1,022.00	2,618.00	3,640.00
M.D. 512.....	863.62	2,244.00	3,107.62
M.D. 513.....	917.00	1,632.00	2,549.00
M.D. 514.....	960.40	1,654.81	2,615.21
M.D. 515.....	1,022.00	1,440.00	2,462.00
M.D. 516.....	1,020.00	450.00	1,470.00
M.D. 517.....	901.00	1,131.00	2,032.00
M.D. 518.....	861.70	624.00	1,485.70
M.D. 519.....	1,029.70	2,058.00	3,087.70
M.D. 520.....	1,087.80	2,184.00	3,271.80
M.D. 521.....	670.60	1,978.00	2,648.60
M.D. 522.....	735.00	1,058.00	1,793.00
I.D. 523.....	451.90	.....	451.90
I.D. 524.....	738.15	.....	738.15
I.D. 541.....	583.80	1,292.77	1,876.57
M.D. 542.....	791.70	1,128.65	1,920.35
M.D. 543.....	1,157.20	1,671.40	2,828.60
M.D. 544.....	644.00	1,270.57	1,914.57
M.D. 545.....	1,142.40	1,501.02	2,643.42
M.D. 546.....	1,051.00	2,160.00	3,211.00
M.D. 547.....	1,018.00	3,060.00	4,078.00
M.D. 548.....	1,190.50	3,520.00	4,710.50
M.D. 549.....	644.00	2,399.40	3,043.40
M.D. 550.....	1,138.20	2,898.00	4,036.20
M.D. 551.....	1,377.60	3,960.00	5,337.60
M.D. 552.....	500.00	920.00	1,420.00
I.D. 553.....	847.42	1,311.25	2,158.67
I.D. 554.....	449.45	1,014.65	1,464.10
I.D. 555.....	899.00	920.50	1,819.50
I.D. 556.....	190.50	.....	190.50
I.D. 571.....	.....	618.35	618.35
M.D. 572.....	697.60	1,428.00	2,125.60
M.D. 573.....	1,045.10	1,802.00	2,847.10

DEPARTMENT OF PUBLIC WORKS

I.D. or M.D. No.	Income.	Capital.	Total.
M.D. 574.....	\$ 565.31	\$ 699.75	\$ 1,265.06
M.D. 575.....	1,253.00	1,296.00	2,549.00
M.D. 576.....	1,262.00	1,215.00	2,477.00
M.D. 577.....	1,389.00	3,510.00	4,899.00
M.D. 578.....	1,233.00	2,745.00	3,978.00
M.D. 579.....	1,291.00	2,967.00	4,258.00
M.D. 580.....	1,150.00	3,015.00	4,165.00
M.D. 581.....	1,129.00	1,702.00	2,831.00
M.D. 582.....	1,571.50	3,082.00	4,653.50
I.D. 583.....	1,202.60	1,837.70	3,040.30
I.D. 584.....	766.20	1,741.95	2,508.15
I.D. 585.....	459.25	.....	459.25
I.D. 601.....	721.60	1,127.84	1,849.44
I.D. 602.....	862.40	1,374.14	2,236.54
I.D. 603.....	789.20	545.00	1,334.20
I.D. 604.....	699.75	1,459.55	2,159.30
M.D. 605.....	651.70	1,565.77	2,217.47
I.D. 607.....	860.24	967.60	1,827.84
M.D. 608.....	684.47	1,558.00	2,242.47
M.D. 609.....	1,315.00	2,340.00	3,655.00
M.D. 610.....	1,112.00	2,835.00	3,947.00
I.D. 611.....	602.52	617.00	1,219.52
I.D. 612.....	492.80	407.65	900.45
I.D. 613.....	469.70	.....	469.70
I.D. 615.....	207.32	643.95	851.27
I.D. 631.....	634.12	573.50	1,207.62
I.D. 634.....	622.45	.....	622.45
I.D. 635.....	557.75	1,560.65	2,118.40
I.D. 636.....	492.50	134.65	627.15
M.D. 637.....	990.00	1,620.00	2,610.00
M.D. 638.....	1,077.00	1,160.00	2,237.00
I.D. 639.....	679.90	1,463.15	2,143.05
I.D. 640.....	707.70	1,215.00	1,922.70
I.D. 641.....	930.15	426.52	1,356.67
I.D. 665.....	959.15	1,646.05	2,605.20
I.D. 666.....	750.55	545.00	1,295.55
I.D. 667.....	1,211.88	1,769.00	2,980.88
M.D. 668.....	817.00	336.00	1,153.00
I.D. 669.....	627.70	.....	627.70
I.D. 695.....	413.80	.....	413.80
I.D. 696.....	379.09	.....	379.09
I.D. 697.....	733.55	.....	733.55
I.D. 699.....	157.84	.....	157.84
I.D. 706.....	218.75	.....	218.75
I.D. 707.....	647.45	.....	647.45
I.D. 708.....	413.00	.....	413.00
I.D. 727.....	268.00	.....	268.00
I.D. 729.....	388.50	.....	388.50
I.D. 731.....	199.90	.....	199.90
I.D. 732.....	508.25	1,124.46	1,632.71
I.D. 733.....	41.75	123.00	164.75
I.D. 735.....	7.00	.....	7.00
I.D. 737.....	302.40	.....	302.40
I.D. 738.....	449.40	696.00	1,145.40
M.D. 739.....	1,253.70	3,096.18	4,349.88
M.D. 740.....	980.70	1,804.00	2,784.70
I.D. 741.....	1,245.89	2,369.02	3,614.91
I.D. 742.....	341.45	400.10	741.55
I.D. 764.....	1,086.27	1,497.81	2,584.08
I.D. 765.....	884.80	240.00	1,124.80
I.D. 766.....	893.20	498.00	1,391.20
I.D. 769.....	369.73	522.00	891.73
I.D. 770.....	718.90	525.69	1,244.59
I.D. 771.....	877.60	1,825.12	2,702.72
I.D. 772.....	675.32	943.00	1,618.32
I.D. 794.....	341.40	498.00	839.40
I.D. 795.....	289.50	.....	289.50
I.D. 796.....	1,465.40	3,335.30	4,800.70
I.D. 797.....	621.40	326.25	947.65
I.D. 800.....	266.75	112.30	379.05
I.D. 825.....	613.00	1,323.99	1,936.99
I.D. 826.....	887.30	462.00	1,349.30
I.D. 827.....	164.00	.....	164.00
I.D. 828.....	597.06	1,217.20	1,814.26
M.D. 829.....	968.80	1,551.00	2,519.80
I.D. 830.....	318.38	870.00	1,188.38
I.D. 831.....	182.85	399.00	581.85
I.D. 843.....	411.86	.....	411.86
I.D. 855.....	787.40	1,024.00	1,811.40
M.D. 857.....	1,355.20	1,505.00	2,860.20
M.D. 858.....	1,324.40	1,806.00	3,130.40
I.D. 859.....	224.70	423.80	648.50
I.D. 874.....	96.00	.....	96.00
I.D. 886.....	777.49	1,909.00	2,686.49
I.D. 887.....	988.40	2,655.81	3,644.21
I.D. 888.....	266.70	.....	266.70
I.D. 889.....	173.50	.....	173.50
I.D. 916.....	86.80	.....	86.80
I.D. 917.....	307.30	.....	307.30
I.D. 946.....	819.85	.....	819.85

I.D. or M.D. No.	Income.	Capital.	Total.
I.D. 1065.....	\$ 154.00		\$ 154.00
I.D. 1094.....	224.00	\$ 924.30	1,148.30
I.D. 1124.....	314.00	604.00	918.00
I.D. 1125.....	136.50		136.50
	Income.	Capital.	Total.
Special Appropriations to Indian Reserves....	\$ 2,199.26	\$ 7,226.10	\$ 9,425.36
SPECIAL APPROPRIATIONS:			
Onoway to Whitecourt.....	1,277.97		1,277.97
E. of Sec. 16 and 21-84-20-5.....	395.13		395.13
E. of Sec. 34-48-5-5 to E. 10-48-4-5.....	1,501.55		1,501.55
E. of Sec. 2 and 11-85-22-5.....	300.00		300.00
Ret. Dover Court and Everdell School.....	498.42		498.42
From R. Lot 42 to R. Lot 45, Ft. Fitzgerald	2,780.80		2,780.80
E. of Sec. 6-79-21-5.....	177.00		177.00
E. of Sec. 21-79-21-5 and E. 29-78-21-5....	152.75		152.75
E. of Sec. 4 and 9-78-21-5.....	412.40		412.40
E. of Sec. 27-77-21-5.....	669.55		669.55
E. of Sec. 5 and 8-78-20-5.....	84.20		84.20
Road Leading to Heenan Siding.....	250.00		250.00
N. of Sec. 22, 23 and 24-64-1-5.....	200.00		200.00
Cache One to Blueberry Mountain.....	510.13		510.13
Construction of Drainage Ditch (Through N.W. ¼ Sec. 9-61-27-4)	1,472.89		1,472.89
Slave Lake to Wabasca	54.00		54.00
Ponoka to Mental Hospital	1,193.10		1,193.10
W. of Sec. 30-49-19-4.....	186.56		186.56
W. of Spirit River.....	699.66		699.66
On Range Line, 5 miles N. of Sangudo.....	1,974.45		1,974.45
Entwistle to Rocky Rapids	1,016.60		1,016.60
Niton to Hattonford	1,500.00		1,500.00
Wanham to Heart Valley.....	2,998.70		2,998.70
Grimshaw to Whitemud (Battle River).....	4,667.25		4,667.25
St. Albert to Alberta Beach.....	2,716.48		2,716.48
Grouard to Whitefish Lake	492.53		492.53
St. Paul to Cold Lake.....	5,296.85		5,296.85
Clyde to Barrhead.....	14,613.58		14,613.58
Grading Approaches to Content Bridge.....	385.70		385.70
River Lot 15/49-46-21-4	500.00		500.00
Waterton to Belly River.....	801.30		801.30
S. & W. of Provost through Cadogan.....	300.00		300.00
Cadogan N. of Main Highway.....	670.00		670.00
Turner Valley to Millarville.....	2,449.99		2,449.99
Protection Work from Drainage Ditch, Aspen Beach	475.82		475.82
Lacombe to Gull Lake	2,000.00		2,000.00
Hussar to Wayne	163.50		163.50
General	21,710.02	22,502.15	44,212.17
	<u>\$243,643.20</u>	<u>\$390,125.69</u>	<u>\$633,768.89</u>

STATEMENT OF EXPENDITURE ON MAINTENANCE AND OPERATION
OF FERRIES

April 1st, 1928, to March 31st, 1929

Location.	Operation.	Maintenance.	Total.
N. Saskatchewan River at Brosseau.....	\$ 622.98	\$ 1,029.43	\$ 1,652.41
N. Saskatchewan River at Desjarlais.....	531.75	295.22	826.97
Athabasca River at Holmes Crossing.....	693.00	342.55	1,035.55
Red Deer River at Dorothy.....	549.33	694.68	1,244.01
N. Saskatchewan River at Pakan.....	539.21	248.64	787.85
Red Deer River at Garrington.....	771.61	800.75	1,572.36
4th Mer. (operated by Sask. Government)...	645.38	316.48	961.86
Athabasca R. at Athabasca	662.08	337.01	999.09
Pembina R. at Lett's Crossing	467.50	57.30	524.80
N. Saskatchewan R. at Shandro.....	455.00	301.97	756.97
N. Saskatchewan R. at Hopkins.....	505.00	142.85	647.85
Red Deer River at Hutton	586.67	762.48	1,349.15
N. Saskatchewan R. at Rocky Mtn. House....	594.00	86.39	680.39
Narrows, Lac St. Anne.....	435.87	114.76	550.63
N. Sask. R. at Lea Park.....	527.50	301.83	829.33
N. Sask. R. at Eldorena.....	420.00	80.15	500.15
Pembina R. at Wright's Crossing.....	457.33	65.50	522.83
N. Sask. R. at Lamora's Crossing.....	429.33	57.50	486.83
Peace River at Dunvegan.....	707.42	932.93	1,640.35
S. Sask. R. at Bow Island.....	613.33	118.12	731.45
N. Sask. R. at Myrnam.....	478.34	286.36	764.70
N. Sask. R. at Genesee.....	450.34	38.10	488.44
Red Deer River at Steveston.....	629.33	347.13	976.46
Big Smoky R. at Goodwin Crossing.....	715.64	231.20	946.84
Bow River at Riverbow	649.97	185.21	835.18
Bow River at Bredin Crossing.....	640.00	105.52	745.52
Red Deer R. West of Munson.....	500.00	311.45	811.45
N. Sask. R. at Berrymoor.....	595.32	151.04	746.36
Red Deer R. at Finnegan Crossing.....	640.00	109.00	749.00
Pembina R. at Matthew's Crossing.....	480.67	366.40	847.07

DEPARTMENT OF PUBLIC WORKS

Location.	Operation.	Maintenance.	Total.
N. Sask. River at Mooswa	\$ 510.00	\$ 172.44	\$ 682.44
McLeod R. at Allendale Crossing.....	613.30	72.50	585.80
N. Sask. R. at Vinca.....	420.33	251.19	671.52
McLeod R. at McLeod Valley.....	603.08	325.71	928.79
Red Deer River North of Jenner.....	598.40	204.26	802.66
Red Deer R. at Gregory Crossing.....	550.00	181.09	731.09
N. Sask R. at Elk Point.....	632.00	235.92	867.92
Red Deer R. West of Morrin.....	480.00	785.01	1,265.01
Narrows of Sandy Lake		96.95	96.95
Athabasca River at Smith	617.17	359.97	977.14
Pembina R. West of Fawcett.....	377.42	539.50	916.92
Bow River South of Crowfoot.....	422.00	1,168.58	1,590.58
Pembina R. South of Fawcett.....	465.83	65.96	531.79
N. Sask. River at Waskatenau.....	450.00	189.25	639.25
Athabasca R. North Blue Ridge		16.10	16.10
McLeod R. at Mahaska	452.66	245.90	698.56
Red Deer R. North of Atlee.....	658.06	557.99	1,216.05
N. Sask. R. at Forbesville.....	443.34	147.26	590.60
S. Sask. R. South of Empress.....	658.06	489.86	1,147.92
McLeod R. at Rosevear	466.00	336.81	802.81
N. Sask. R. at Warspite	406.25	128.30	534.55
Red Deer R. at Buffalo Crossing	626.69	804.86	1,431.55
Peace R. at Fort Vermilion	564.18	164.41	1,180.59
N. Sask. R. at Heinsburg	450.33	164.70	615.03
Red Deer River at Rosedale.....	605.33	902.69	1,508.02
Bow River at Bowslope Crossing.....	640.00	69.15	709.15
		\$18,346.31	\$47,950.64
Ferries, General		6,387.02	6,387.02
	<u>\$29,604.33</u>	<u>\$24,733.33</u>	<u>\$54,337.66</u>

STATEMENT OF EXPENDITURE ON CONSTRUCTION OF FERRIES

April 1st, 1928, to March 31st, 1929

Location.	Amount.
Pembina River, South of Fawcett	\$ 118.68
Athabasca River, at Athabasca	1,316.83
North Saskatchewan River at Waskatenau	426.49
Red Deer River, North of Jenner	811.97
North Saskatchewan River at Genesee	857.22
South Saskatchewan River, South of Empress.....	638.70
Big Smoky River at Goodwin Crossing	1,731.71
Peace River at Fort Vermilion	586.96
North Saskatchewan River at Vinca	1,432.13
Red Deer River, West of Munson	574.65
Peace River at Dunvegan	13.75

FERRY SHACK CONSTRUCTION

Pembina River, West of Fawcett	172.62
North Saskatchewan River at Desjarlais	163.25
North Saskatchewan River at Pakan	247.80
Athabasca River at Smith	195.86
North Saskatchewan River at Brosseau	242.59
Red Deer River, North of Atlee	188.00
North Saskatchewan River at Forbesville (rebuilding Ferry Tower and replacing Deadmen)	898.64
Ferries, General	571.57
Total.....	<u>\$11,189.42</u>

MAIN HIGHWAYS

(C. A. DAVIDSON, *Highway Commissioner*)

Contracts awarded in the year ending March 31, 1928, on Main Highway projects are as follows:

STANDARD EARTH GRADE				
Project.	Location.	Miles.	% Comp.	Contractor.
1-A-2	—Crossfield Revision	0.85	100	A. Webster & Sons.
2-D-3&4	—Lethbridge-Macleod	24.90	100	Russell & McLeod.
2-E-9&10	—Macleod-Pincher	28.98	100	Russell & McLeod.
2-F-7	—Crow's Nest Lake-B.C. Bdry. ...	2.29	24	Western Const. Co.
4-C-1	—Medicine Hat-Redcliffe	2.95	100	Russell & McLeod.
6-A-3	—Stirling-Lethbridge	16.18	100	F. Mannix.
7-A-B&C	—Calgary-Kananaskis Revisions..	0.86	100	Comm'l Cartage Co.
10-A	—Wetaskiwin-Camrose	23.44	100	W. A. Foreman & Co.
12-A	—Bretona Revision	0.28	100	D. Bryson.
13-B-1	—Lamont-7 M.S. Chipman	13.36	100	W. A. Dutton.
13-B-2	—Fort Saskatchewan-Lamont	20.76	100	Western Const. Co.
13-C-3	—Mundare-Vegreville	13.39	100	W. A. Foreman & Co.
13-D-3	—Innisfree-Vermilion	32.27	100	F. Mannix.
22-A-2	—Rosedale-Wayne	3.53	100	F. Mannix.
184.04 Miles.				

SURFACING					
Project.	Location.	Miles.	% Comp.	Type.	Contractor.
1-E-1	—Ponoka North	62.89	100	2G	G. B. Wood.
1-A-B-C	—Calgary-Red Deer	0.41	100	1G	C. S. Wing.
1-F-1	—Leduc-Edmonton	15.84	100	2G	Comm'l Cartage Co.
2-D	—Lethbridge-Macleod	27.14	100	1G	H. G. Macdonald & Co.
2-E-9&10	—Macleod-Pincher	28.98	56	1G	H. G. Macdonald & Co.
3-A-3	—High River-Nanton	18.69	100	2G	Comm'l Cartage Co.
3-C-1&2	—Macleod-9.15 M.N. Cardston..	29.25	100	1G	Comm'l Cartage Co.
5-B-2	—Drumheller-Munson	6.95	100	1G	McCoy & McCann.
7-A-B-C	—Calgary-Kananaskis	49.60	100	2G	Comm'l Cartage Co.
12-A	—Edmonton-Cooking Lake	20.00	100	1G	Comm'l Cartage Co.
259.75 Miles.					

1G—First Course Gravel.

2G—Second Course Gravel.

Contracts awarded in 1927 and completed in 1928:

STANDARD EARTH GRADE			
Project.	Location.	Miles Comp. in 1928.	Contractor.
3-C-1	—Cardston—Waterton River	8.28	Russell & McLeod.
3-C-2	—Waterton River—Macleod	8.22	W. A. Foreman & Co.
5-B-2	—Drumheller—Munson	0.19	F. Mannix.
23-A	—Cardston—Waterton	2.68	Commercial Cartage Co.
		19.37 Miles.	

SURFACING			
Project.	Location.	Miles Comp. in 1928.	Contractor.
3-A-4	Nanton-Stavely	5.47	McCoy & McCann.
23-A	—Cardston-Waterton	11.00	Commercial Cartage Co.
		16.47 Miles.	

Unit prices on standard grading under contract are much the same as last year's average, but substantial reductions are noted on prices received for producing crushed gravel and haulage of same.

The following summary shows total quantities taken out under contract in the past year, with the average cost of same.

Unit of Bid.	Quantity	Aver. of Bids.
Clearing and Close Cutting	254.16 Acres	\$24.53
Stumping and Grubbing	87.21 Acres	39.55
Earth Excavation	1,490,127 C.Y.	.228
Loose Rock	88,188 C.Y.	.416
Solid Rock	11,897 C.Y.	1.583
Other Material	12,028 C.Y.	.312
Overhaul	174,251 Sta. Yds.	.054
Rip-rap and Paving	1,861 C.Y.	1.60

DEPARTMENT OF PUBLIC WORKS

Surfacing.	Quantity.	In Place.
1st Course Gravel	101,768 C.Y.	2.34
2nd Course Gravel	64,660 C.Y.	2.62

On the work of improvement of Main Highways within incorporated municipalities, nineteen agreements were completed during the year, the work being supervised by our engineers and the construction performed by contractors working in the vicinity. Details of expenditure are as follows:

40.00	Municipality	Type.	Total Cost of Work.	Contribution by Province.
E	of			
2	Blairmore	G & S	\$ 3,434.00	\$ 1,717.00
3	Carstairs	G & S	1,392.74	696.37
5	Cardston	G & S	4,097.06	2,048.53
8	Claresholm	G & S	4,450.44	2,225.22
11	Coleman	G & S	3,720.58	1,860.29
14	Didsbury	G & S	5,829.86	2,914.93
16	Granum	G & S	3,801.02	1,650.51
21	Leduc	G & S	6,723.02	3,361.51
22	Macleod	G	1,405.90	702.95
23B	Medicine Hat	G	3,925.48	1,962.74
27	Ponoka	G & S	3,492.64	1,746.32
30	Stavely	G & S	4,291.68	2,145.84
31	Strathmore	C & G	2,202.32	1,101.16
32	Vegreville	G	2,195.28	1,097.64
35	Okotoks	S	540.00	270.00
36	Milk River	G & S	1,133.56	566.78
41	Mundare	G & S	4,909.60	2,454.80
42	Drumheller	S	3,215.44	1,607.72
45	Lavoy	G	707.74	353.87
			<u>\$60,968.36</u>	<u>\$30,484.18</u>

G—Grading.

C—Clay.

S—Surfacing.

The total expenditure made from Capital Vote amounted to \$1,627,008.68, and the following detail summary is submitted, showing cost of all work performed during the financial year:

CONSTRUCTION EXPENDITURES MADE BETWEEN APRIL 1st, 1928, AND MARCH 31st, 1929, ON MAIN HIGHWAYS

Project No.	Location	Preliminary	Advertising	Construction	Clearing and Grubbing	Excavation and	Treated Timber Culverts	Corrugated Iron Pipe Culverts	Road Surfacing	Fencing Right-of-way	Guard Rail	Miscellaneous and Comp. Land Incidentals	Moving Poles	Total
1-A-1	Calgary-Airdrie		\$ 7.91	\$ 803.44		\$ 1,702.26	\$ 318.34	\$ 44.77	\$ 16,009.99	\$ 251.59	\$ 29.93	\$ 387.95		\$ 16,821.34
1-A-2	Airdrie-Carstairs		225.30	870.42					24,879.92				132.14	25,978.18
1-B-1	4 M.S. Innisfail-Innisfail								3.08			200.00		203.08
1-B-2	Carstairs-Olds								3.08			15.00		18.08
1-B-3	M.E. Olds M.S. Innisfail		7.92	607.79		170.50		70.72	17,661.59	15.00	29.85	15.00	582.73	19,131.23
1-C-1	M.N. Innisfail-Innisfail								3.08					32.93
1-C-2	Red Deer-S.W. Fenhold		7.91	561.54					19,083.47	150.00		360.90		20,169.82
1-D-1	Red Deer-Lacombe									140.00		443.49		583.49
1-D-2	3 M.N. Lacombe-Ponoka									23.91	1,773.79	85.50		1,970.99
1-E-1	Ponoka-Menaik		5.70	87.79					1,083.30	23.92		111.90		1,358.69
1-E-2	Wetaskiwin-Millet			10.56										10.56
1-E-3	Menaik-Wetaskiwin			53.42										53.42
1-F-1	Edmonton-Leduc			994.32										994.32
2-D-1	Lethbridge-M. 158.61		35.15						24,206.11					25,235.58
2-D-2	Monarch-M. 173.27		27.52	166.33		330.00			1,010.96					1,534.81
2-D-3	M. 158.3-Monarch		79.55	3,161.11	4.96	18,549.00	3,654.53	1,053.82	20,523.15	855.56	32.99			47,927.77
2-D-4	M. 173.27-Macleod		79.55	3,543.43		20,447.48	3,888.82	1,347.24	22,576.68	648.17				52,610.94
2-E-1	Frank-Lundbreck								474.10			232.20		706.30
2-E-2	Pincher-Lundbreck								115.00	100.50		209.50		425.00
2-E-3	M. 262.3-Boundary B.C.		47.05	1,249.18	422.82	5,580.48		1,076.48						10,182.92
2-E-4	Coleman-M. 261.7								33.10			103.40		136.50
2-E-5	Chokio-Pincher		52.04	5,419.10	24.26	25,094.97	6,711.74	1,107.52	19,637.74	775.36	109.39	100.00		59,794.21
2-E-6	Macleod-Chokio		52.04	4,069.74		24,822.16	6,174.50	695.20	2,493.90	193.39			99.45	35,763.89
3-A-1	Calgary-Okotoks			34.16							246.20			280.36
3-A-2	High River-Nanton		42.60	871.66					18,793.37			20.00		19,703.63
3-A-3	Nanton-Stavely			28.20					9,979.76			292.45		10,730.43
3-B-1	Macleod-Granum			50.06					68.75					217.45
3-B-2	Granum-Stavely			50.06					78.76					217.45
3-C-1	Cardston-Waterton River		29.88	3,232.34	115.00	15,985.98	1,367.08	386.20	29,472.52	24.40	120.50	1,100.00	131.31	1,386.03
3-C-2	Waterton River-Macleod		29.83	4,095.41		13,947.26	1,477.67	437.70	29,299.82	448.54		227.90	252.97	51,798.04
4-A-1	Calgary-Inverlake									424.42		50.00		500.00
4-A-2	Strathmore-Cluny			733.73										1,535.10
4-C-1	Redcliff-Medicine Hat		42.60			6,654.37	455.64				57.63		209.20	8,241.30
5-A-1	10 M.N. Rockford													1,636.21
5-A-2	10 M.N. Rockford-Drumheller													3,046.92
5-B-1	Hanna-Delia											168.40		216.40
5-B-2	Drumheller-Munson		29.38	2,357.91	19.25	9,727.72	20.50		24,497.63	48.00	1,153.09		2,076.44	39,990.33
5-B-3	Munson-Delia											15.00		1,026.64

DEPARTMENT OF PUBLIC WORKS

Project No.	Location	Preliminary	Advertising	Construction	Clearing and Grubbing	Excavation and	Treated Culverts	Corrugated Iron Pipe	Road Surfacing	Fencing Right-of-way	Guard Rail	Miscellaneous	Comp. Land and Incidentals	Moving Poles	Total
6-A-1	Warner-11 M.N.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.50
6-A-2	11 M.N. Warner-Stirling	.....	.....	284.81	.....	675.40	.....	.....	.....	25.00	.....	.....	39.50	.....	960.21
6-A-3	Stirling-Lethbridge	1,353.36	29.82	2,733.54	.....	32,333.02	.....	1,898.61	.....	.....	.....	.....	.....	.....	44,718.97
7-A	Calgary-Cochrane	42.00	.....	1,444.96	.....	1,594.41	.....	53.82	.....	7.80	.....	.....	25.00	.....	19,221.90
7-B	Cochrane-M. 33.8	.....	8.78	607.98	.....	3,222.65	.....	20.00	.....	.....	.....	.....	.....	318.81	16,710.01
7-C-1	M. 33.8-M. 44.6	.....	8.79	714.85	.....	3,529.30	.....	88.14	.....	.....	.....	.....	.....	.....	12,459.08
7-C-2	M. 44.6-Kananaskis	.....	8.79	589.78	.....	1,424.40	.....	.....	.....	.....	.....	.....	.....	.....	11,449.67
8-A-2	Paint Earth-Battle River	.....	.....	.....	74.25	.....	.....	.....	8,760.01	.....	.....	.....	.....	478.21	193.00
8-A-1	Paint Earth Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	159.59
9-A-1	1 1/2 M.S. Alhambra-Rocky Mountain House	.....	.....	.....	.....	.....	.....	.....	.....	49.04	.....	.....	.....	.....	23.93
10-A	Wetaskiwin-Camrose	1,248.41	42.60	5,494.27	3,891.85	58,931.66	13,096.00	2,080.20	.....	3,952.30	.....	.....	498.75	.....	89,188.04
10-C	Daysland-Lougheed	.....	.....	.....	.....	.....	.....	.....	.....	80.00	.....	.....	150.00	.....	230.00
11-A	Nevis-Lacombe	1,561.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,561.74
12-A-1	Edmonton-Cooking Lake	.....	35.15	1,028.49	.....	429.75	78.51	.....	62,209.04	.....	.....	.....	.....	.....	63,787.27
12-A-2	Edmonton-Fort Saskatchewan	.....	.....	350.00	.....	2,156.50	93.39	243.58	.....	28.00	.....	.....	.....	.....	3,383.23
13-B-1	Lamont-7 M.S. Chipman	.....	48.80	3,128.48	536.25	22,212.42	3,558.32	1,705.38	.....	1,022.02	.....	.....	.....	.....	35,224.62
13-B-2	Fort Saskatchewan-Lamont	.....	18.00	3,871.55	1,595.69	37,122.59	5,050.68	2,409.36	.....	1,854.90	.....	.....	1,318.15	.....	53,588.29
13-C-1	Ranfurly-Vegreville	651.37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	535.94
13-C-2	M. 58.2-Mundare	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.67
13-C-3	Mundare-Vegreville	298.89	31.65	4,182.98	568.00	26,042.59	1,060.52	4,269.47	1.62	1,867.74	.....	.....	1,402.85	13.00	39,734.31
13-D-1	Vermilion-Lloydminster	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.00
13-D-2	Ranfurly-Innisfree	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193.46
13-D-3	Innisfree-Vermilion	1,779.90	31.65	7,254.80	2,275.00	68,609.40	6,233.25	3,241.24	.....	707.47	.....	.....	67.33	.....	90,200.04
14-B-1	Winterburn-M. 27.41	4,824.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,824.47
14-C-2	Wabamun-Entwistle	811.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	977.70
15-A-2	Edmonton-Legal	.....	.....	.....	.....	90.00	.....	.....	.....	.....	.....	.....	.....	.....	1,095.40
15-B-3	Clyde-Rochester	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	188.62
16-B	Smith-Faust	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	356.60
22-A-2	Rosedale-Wayne	447.63	29.82	2,288.24	361.50	15,504.26	1,313.84	1,106.97	.....	286.60	.....	.....	.....	.....	21,682.77
23-A	Cardston-Waterton Lakes	.....	.....	2,176.38	.....	22,866.11	187.19	110.08	18,286.62	198.22	.....	.....	.....	.....	44,597.19
24-A	Pincher-Waterton Lakes	703.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88.30	14.68	791.83
		\$27,003.84	\$ 1,132.49	\$60,834.77	\$ 9,888.83	\$439,739.64	\$60,759.97	\$23,203.04	\$407,161.37	\$14,318.43	\$4,116.19	\$14,988.40	\$ 4,456.32	\$ 4,456.32	\$1,076,598.24

ANNUAL REPORT, 1928-29

19

ROADS THROUGH TOWNS (50% payable by Province):

Construction	\$ 30,484.18	
Engineering Service	5,599.48	
		\$ 36,083.66

ADMINISTRATION AND GENERAL EXPENSES:

General	\$ 22,788.66	
Gravel	12,603.30	
Good Roads Board	1,211.91	
		36,603.87

SPECIAL GRANTS:

Calgary-6 M. North	\$ 8,614.08	
Edmonton-5 M. South	13,160.95	
N.E. Cor. S. 7-24-22-4-N.E. Cor. S. 12-21-16-4	19,881.86	
N.E. Cor. S. 12-21-16-4-Redcliffe	14,583.40	
Calgary-High River	10,022.54	
Provincial Boundary-Grassy Lake	19,102.17	
Chin-Grassy Lake	13,048.34	
New Dayton-Milk River	1,346.67	
Irricana-Drumheller	19,629.16	
Dobson-Alsask	23,463.34	
Stettler-Halkirk	5,418.27	
Halkirk-Castor	4,940.37	
Camrose-Lougheed	13,269.57	
Metiskow-Easterly	15,497.59	
Tofield-Viking	10,584.36	
Obed-Bliss	41,830.35	
Winterburn-Evansburg	7,466.83	
Edmonton-Bremner	3,799.76	
Grande Prairie-Pouce Coupe	289.65	
Athabasca-McLennan	197,528.64	
Red Deer-Sylvan Lake	6,014.22	
Peace River-6th Meridian	3,985.00	
6th Meridian-Grande Prairie	5,700.00	
Pincher Creek-Waterton Lakes	27.52	
		459,154.64

SNOW FENCES:

Cost and Freight	\$ 11,242.80	
		11,242.80

DISTRICT ENGINEERS:

Salaries and Expenses (Proportionate)	\$ 7,325.47	
		7,325.47
		<u>\$1,627,008.68</u>

BRIDGES CONSTRUCTION AND MAINTENANCE

April 1st, 1928, to March 31st, 1929

(N. W. MACPHERSON, *Bridge Engineer*)

During the season fifteen crews were employed three on steel work and twelve on timber bridges. Treated timber was used on all bridges, except those in outlying districts where local material was available.

The following is a list of Steel Bridges constructed during the year:

2—135ft. and 1—125ft. spans	Pembina River	16-59-2-5
1—175ft. span	Belly River	16-6-25-4
1—200ft. "	Waterton River	29-6-29-4
1—80ft. "	Battle River	25-45-23-4
1—125ft. "	Driftpile River	17-73-12-5
1—135ft. "	Rosebud River	18-28-19-4
1—100ft. "	Rosebud River	19-28-29-4
1—100ft. "	Rosebud River	18-28-19-4
1—80ft. "	Nose Creek	5-27-1-5
1—80ft. "	Mosquito Creek	28/29-15-27-4
1—80ft. "	Rosebud Creek	18-28-19-4
1—80ft. "	Rosebud River	7-28-19-4
1—80ft. "	Beaverlodge River	19/20-73-11-6
1—150ft. light span	Red Willow River	23/24-70-16-4
1—102ft. span	Modeste Creek	34-48-4-5
1—125ft. span (skew)	Blindman River	19-42-2-5
1—150ft. span	Jumping Pond Creek	30-24-4-5
1—135ft. "	Rosebud River	20-28-19-4
1—135ft. "	Rosebud River	19-28-19-4
1—100ft. "	Rosebud River	18-28-19-4
1—60ft. "	Pipestone Creek	19-46-22-4
1—60ft. "	Kneehill Creek	24-31-26-4
1—60ft. "	Berry Creek	21/28-26-12-4
1—90ft. "	Kneehill Creek	17-29-22-4
1—90ft. "	Kneehill Creek	13-29-23-4
1—60ft. "	Blindman River	11/12-44-3-5
1—60ft. "	Blindman River	E. 1-44-3-5
1—50ft. "	Ghost Pine Creek	11/14-33-23-4
1—80ft. "	Carrot Creek	4/5-54-13-5
1—70ft. "	Rosebud Creek	22-27-23-4
1—60ft. "	Beaverdam Creek	3-39-12-4
1—100ft. "	Battle River	R.L. 15/39-46-21-4
1—40ft. "	Birch Creek	E. 25-49-13-4
1—30ft. "	Willow Creek	12/13-44-13-4
1—90ft. "	Horseguard Creek	7/8-39-4-5
1—100ft. "	Blindman River	9-43-2-5
1—80ft. "	Little Bow River	30-12-19-4
1—50ft. "	Arrowwood Creek	22/27-19-25-4
1—50ft. "	Arrowwood Creek	S. 3-21-24-4
1—110ft. "	Little Bow River	5-15-21-4
3—135ft. and 1—50ft. spans	Red Deer River	34-38-22-4
1—135ft. span	Rosebud River	21-28-19-4
1—50ft. "	Bullpound Creek	S. 1-28-14-4
1—60ft. "	Berry Creek	12/13-25-13-4
1—60ft. "	Blood Indian Creek	N. 31-24-9-4
1—60ft. "	Deadfish Creek	S. 6-24-13-4
1—50ft. "	Berry Creek	21/28-23-11-4
1—100ft. "	Deadfish Creek	4-22-12-4
1—125ft. "	Moose River	22-72-2-5
1—60ft. "	Dogpound Creek	26/27-31-3-5
1—60ft. "	Pipestone Creek	25-46-23-4
1—200ft. "	Clearwater River	12-38-7-5
1—100ft. "	Crowfoot Creek	6-22-20-4
1—80ft. "	Horseguard Creek	15/16-39-3-5
2—125ft. "	James River	14-34-5-5

During the season the following bridges were dealt with:

Construction	483
Maintenance	148
	631

SURVEYS BRANCH

Report for the year ending March 31, 1929

(P. N. JOHNSON, *Director of Surveys*)

During the year ending March 31, 1929, the outside staff consisted of four Surveyors, the same as last year. The work carried out by them has been of the usual nature, particular attention being paid to the completion of main highway surveys as far as possible. Amongst them the following might be mentioned:

The Wetaskiwin-Camrose Highway; Lamont-Chipman; Mundare-Vegreville; Innisfree-Vermilion; Lethbridge-Pincher; Cardston-Waterton Lakes; Rosedale-Wayne; and Drumheller-Munson Main Highways and portions of the Calgary-Banff Main Highway.

Other work consisted of new roads and road diversions within unorganized districts for which requests have been received.

Below will be found a summary of surveys made during the year and of plans prepared and filed, and other tabulated details of the work of the office:

Surveys required and brought forward from 1927	483
Surveys asked for during 1928	225
Surveys made during 1928	282
Surveys carried over to 1929	455
Plans submitted and examined on behalf of M.D.'s	324
Titles issued to roadways surveyed by M.D.'s	342
Plans prepared and filed in the Land Titles Office.....	204
Certificates of Title received for roadways.....	281
Certificates of Title received for lands given for public purposes under Departmental regulations as to subdivisions	32
Certificates of Title to public buildings	15
Certificates of Title received for areas cut off by roads.....	8
Transfers issued covering lands no longer required.....	415
Number of plans of subdivisions approved during 1928.....	91
Plans submitted by Department of the Interior (Irrigation Branch).....	3
Plans of Power and Transmission Lines	35

BUILDINGS MAINTENANCE BRANCH

(D. E. McDONALD, *Superintendent of Buildings*)

CAPITAL EXPENDITURE

Provincial Mental Hospital, Ponoka:

A one-storey Dormitory Building was erected at the institution farm, situated near the dairy farm, to take care of about forty patients and also the farm help. This building is of semi-fireproof construction, concrete basement, brick walls, wooden beams, asbestos roof and stucco finish. The same is fully equipped with up-to-date kitchen and dining-rooms, with separate suites for the Superintendent and attendants, approximate cost \$35,000.00.

A seven-roomed residence was erected for the medical superintendent. This building is of wood construction on concrete basement, asbestos shingle roof and stucco finish, at an approximate cost of \$8,000.00.

A five-room cottage for the assistant superintendent, of similar construction, was erected at an approximate cost of \$4,500.00.

All of the above work was done by day labor under the supervision of our regular foreman.

Provincial Mental Institute, Oliver:

A store room and dormitory was erected. This building is of two stories and has full basement, semi-fire proof construction, stucco finish. The basement and first storey are used as store rooms and the top storey as living quarters for the attendants; approximate cost \$30,000.00, including furnishings.

Two five-room cottages were erected at the farm for the herdsmen, at an approximate cost of \$3,500.00 each.

A box stall barn was erected to take care of eighteen horses, at an approximate cost of \$3,500.00

All of the above work was done by day labor under the supervision of our regular foreman.

Central Alberta Sanatorium, Keith:

The only work done at this institution was gravelling the roads, installing electric lights from the entrance of grounds, several concrete walks connecting up the different buildings. Also additional equipment was purchased.

Provincial Gaol, Fort Saskatchewan:

Two small cottages of wood construction, consisting of five rooms and bath for the attendants, were erected at an approximate cost of \$3,000.00 each. The work was performed by prison labor under the supervision of our regular foreman.

Provincial Gaol, Lethbridge:

A couple of root houses and a hog shed were built. Also considerable improvements were made to the grounds, including outside lighting, new walks and roadways, which work was done by prison labor under the supervision of our foreman at a very small cost.

Parliament Buildings, Edmonton:

A tar sand walk was laid from the main steps to the power house and around the garage, school library and terrace buildings. This work was performed by our regular staff without any extra cost excepting the material.

Institute of Technology, Calgary:

An addition was erected to the machinery building to match the same construction of the previous building, at an approximate cost of \$30,000.00. This work was done by contract, Messrs. Hughes and Hurst, of Calgary, being the contractors.

Court House, Grande Prairie:

A small court house was erected at this point. This is a two-storey brick and wood constructed building, stucco finish, to accommodate sheriff's and clerk of the court's offices, library, two judges' rooms, jury, barristers' and court rooms; the approximate cost being \$18,000.00, including furnishings. Work was done by contract, J. L. Arnett, general contract, and Ideal Plumbing and Heating Company, Limited, plumbing and heating contract.

Provincial Police:

Police quarters were purchased at Rochfort Bridge at a cost of \$3,500.00.

Provincial Training School, Red Deer:

An addition to the present building was built, consisting of two sun parlors and new lavatory. The approximate cost of the work was \$9,000.00, which was performed by day labor under the supervision of our foreman.

Agricultural School, Vermilion:

A very fine two-and-a-half storey dormitory building was erected at this point, of semi-fireproof construction with a full-size basement, brick walls and asbestos shingle roof. The layout consists of two large class rooms, administration offices, assembly hall, gymnasium, dining-rooms, kitchen, domestic science rooms, reading rooms, and has accommodation for two hundred students. This building is fully equipped and furnished with the latest equipment. The general contract was awarded to the Bennett and White Construction Company of Calgary, plumbing and heating to J. P. Fitzgerald of Edmonton, and the electric wiring to the Electrical Engineers of Edmonton; the approximate cost, including furnishings and equipment, being \$225,000.00.

Owing to fire which destroyed the horse barn and implement shed at this institution, in the early part of the year, a fully modern barn was erected at a cost of \$6,000.00, and also an implement shed at a cost of \$900.00.

Agricultural School, Olds:

A model hog barn and other farm buildings were constructed at this point this year, also concrete walks connecting up the various buildings.

Agricultural School, Gleichen:

This building is now used by the Salvation Army as an old folks' home. It was found necessary to connect up the sewer system with the town, at an approximate cost of \$6,000.00.

New Normal School, Edmonton:

Plans and specifications were prepared for this building and contracts let, but, owing to the severe condition of the weather no construction work has yet been started, and the same will be proceeded with as soon as the weather permits.

Carpenter Shop, Edmonton:

This shop employs about thirteen men, and was kept very busy during the year, manufacturing furniture, equipment and trim for the various institutions.

General:

All plans, specifications and contracts for the above works were prepared in this office.

Maintenance:

This work consisted of a great deal of supervision and was looked after very carefully. It also involved a great amount of office work.

The following is a list of buildings and offices under this Branch:

Parliament Buildings.
Government House.
Court Houses (13).
Land Titles Buildings (2).
Normal Schools (3).
Institute of Technology.
Agricultural Schools (6).
Office Buildings and outside offices (20).
Police Buildings and detachments (115).
Gaols (2).
Asylums (3).
Sanatorium.

Expenditure controlled by this Branch of the Department for the year 1928-29:

MAINTENANCE	
Departmental and Legislative Buildings	\$286,713.00
Public Institutions	74,128.00
Government House	18,267.00
Power Plants	222,953.00
	<u>\$602,061.00</u>
CAPITAL	
Legislative and Departmental Buildings Furnishings	\$ 25,000.00
Public Institutions Furnishings	21,000.00
Agricultural Schools	230,600.00
Institute of Technology	45,989.00
Provincial Police Buildings	3,500.00
Parliament Buildings	5,000.00
Normal School, Edmonton	200,000.00
Trelle Farm, N.W. ¼ of 26-71-8-6	5,000.00
Provincial Mental Institute, Oliver	33,900.00
Provincial Mental Hospital, Ponoka	55,712.00
Provincial Gaol, Fort Saskatchewan	3,200.00
Central Alberta Sanatorium	15,500.00
Provincial Gaol, Lethbridge	8,300.00
Miscellaneous, Sites and Construction	21,070.00
	<u>\$673,771.00</u>

POWER PLANTS

(JOHN DOUGLAS, *Mechanical Superintendent*)

Control of the power plants at Lethbridge Gaol, Central Alberta Sanatorium, Institute of Technology, Ponoka Mental Hospital, Parliament Buildings, Oliver Mental Hospital, and Fort Saskatchewan Gaol was given me in June, 1928.

Increases in operation and maintenance over 1927 have taken place at Lethbridge, Central Alberta Sanatorium, Institute of Technology, Parliament Buildings and Oliver, due mainly to increased load and heat demands, the lengthening of the heating period, and in some cases increases in the price of coal. These increases were offset by decreases at Ponoka and Fort Saskatchewan.

Fort Saskatchewan:

This plant has given satisfactory operation during the year. Trouble has been experienced with the pumping equipment at the river, but this will be overcome this year.

The Calgary Power Company bought from the Government the semi-Deisel electrical equipment originally installed to supply the town, and are now supplying the town requirements with current purchased from the city of Edmonton. The Gaol requirements are being supplied by the Gaol steam plant.

Oliver Mental Institute:

The main work on hand on taking charge was the installing in the boiler room of new equipment already purchased and on the ground.

The new boilers were placed under steam on August 22nd. This plant, excepting the Thermix Air Preheater, is giving satisfactory service. Owing to the type of ash removal system installed, together with increased load, it became necessary to add a fireman to assist the engineer on the heavy day shift when all the ash-handling is done.

Capital expenditures for power house extension and equipment amounted to approximately \$11,500.00.

Parliament Buildings Plant:

This plant was rather run down, boilers very dirty and pitted inside and main line to buildings badly strained through inattention to anchorage and expansion joints. Serious trouble developed during first month's operation with No. 1 generator. On installing the spare armature, which had laid on the floor for five years, it was found in a useless condition. The staff and myself with outside labor and material, approximately \$50.00, improvised equipment with which both the spare and damaged armatures were placed in good operating condition. The heating period has been extended at this plant, and one fireman retained during summer to work boilers and equipment back into good operating condition.

Ponoka Mental Hospital:

A considerable amount of my time has been spent at this plant. I rather under-estimated the run-down condition of the generating units. After checking condition and load, I decided that an extra unit was required, as under certain conditions we had no reserve.

A new K.W. direct current unit was ordered, but before it arrived the A.C. turbine broke down. This left the plant badly crippled, particularly as it was early fall. It was immediately decided to purchase a 100 K.W. unit offered for sale at Three Hills. While we were loading and shipping this unit a temporary foundation was being prepared at Ponoka. The unit was set up and operating in less than two weeks. By insisting on balancing the loads to suit units, the town of Ponoka and hospital loads were carried comfortably through the winter. This power house now, with the new unit, should carry all normal increase of current requirements. Although the Calgary Power Company is now supplying the town of Ponoka with electricity, the hospital load is higher than the combined load at this time last year.

Capital expenditures to the amount of approximately \$78,300.00 were made on spur line, property, construction and equipment for new dormitory and power house and water wells and supply. The spur is operating satisfactorily and giving good results in our coal handling and supply. The new water well will just about supply requirements, and we have Nos. 1 and 2 wells in reserve.

Institute of Technology:

To enable the steam-engineering students to learn hand-firing, the sprinkler stoker on the spare boiler at the Parliament Buildings plant was shipped down and installed to one of the boilers. Modern damper regulators and draft gauges were also installed. This equipment to date has not been used by the students to the extent anticipated, but Dr. Carpenter assures me that the students will be given more practical instruction during the coming year.

A large addition to the shops together with approximately fifty horse-power of motors installed, consequently increasing our heating and power load, has increased fuel consumption at this plant.

Capital expenditures here were approximately \$4,950.00, approximately half to boiler-room and balance for equipment to building addition.

Central Alberta Sanatorium:

The operation of this plant has been satisfactory. The increase in coal is normal when increase in electrical consumption and amount of steam and hot water to the new laundry is considered.

An expenditure of approximately \$1,000.00 for ditching and laying a 6" tile drain from centre of north and south tunnel has solved the problem of tunnel drainage, and lessened the danger of electrical accidents to employees and patients using the tunnel. A flow of two inches of water on the floor of this tunnel was a common occurrence. There has been a large labor turnover at this plant, due mainly to increased demand for engineers at Turner Valley oilfield and the city of Calgary.

Lethbridge:

The increase in expenditure for coal at this plant is due mainly to a daily average population of 142.9 for 1928 compared to 107.89 for 1927, roughly 32.4% increase, which meant extra heating. Faulty boiler settings and the supplying of heat to four additional cottages have also increased consumption. Water supply to fire pump and boilers is unsatisfactory. This will be remedied this year.

LICENSES ISSUED UNDER THE PUBLIC VEHICLES ACT

(W. T. AIKEN, *Chief Clerk*)

Name of Operator	Address.	Route
Harold Blinstin	Bellevue	Bellevue-Coleman.
Brewster Transport Co.....	Banff	Calgary-Banff.
Brewster Transport Co.....	Banff	Calgary-Lethbridge.
Brewster Transport Co.....	Banff	Macleod-Waterton Lakes.
Brewster Transport Co.....	Banff	Calgary-Red Deer.
Brewster Transport Co.....	Banff	Red Deer-Edmonton.
Blue Bus Lines, Ltd.....	121 5th Ave. W., Calgary..	Nanton-Calgary.
Drumheller Bus & Taxi Co. (Wm. H. Rounds)....	Drumheller	Nacmine-Rosedale.
Drumheller Bus & Taxi Co. (Wm. H. Rounds)....	Drumheller	Drumheller-Wayne
Robert J. Duncan.....	Calgary	Calgary-Arrowwood.
Robert J. Duncan.....	Calgary	Calgary-Gleichen.
Robert J. Duncan.....	Calgary	Strathmore-Hussar.
Foothill Transportation Co., Ltd.	704 17th Ave. W., Calgary	Calgary-Nanton.
Glacier Park Transporta- tion Co.	c/o A. B. Hogg, Esq., Yale Block, Lethbridge	Carway-Cardston-Waterton Park.
Carl E. Hansen.....	c/o Wm. E. Hall, Esq., 401 Lougheed Bldg., Calgary.	Calgary-Carbon.
J. Victor Horner.....	10005 103rd St., Edmonton.	Edmonton-Barrhead.
G. T. Jones.....	Arrowwood	Gleichen-Arrowwood.
Hector F. Jette	Pincher Creek	Pincher Creek-Pincher Sta.
W. Bruce-Marsden	Arrowwood	Milo-Gleichen.
G. H. Schmidt	Medicine Hat	Medicine Hat-Hilda.

PROVINCIAL GAOL, FORT SASKATCHEWAN

(J. D. McLEAN, *Warden*)

The daily average population for the fiscal year ending March 31, 1929, was 232.5, an increase of 38.3 over last year, causing considerable overcrowding which, if maintained this year, will necessitate the building of a new wing to the cell block.

There were no deaths this year, and the general health of the inmates has been excellent.

With respect to farming operations, the Home Farm raised 2,108 bushels of wheat off 39 acres of old potato land, and 2,640 bushels of barley from 57 acres. The C.N.R. Farm raised 5,801 bushels of wheat off 197 acres, and 3,550 bushels of oats from 39 acres. The South Farm raised 1,807 bushels of wheat off 40 acres, and 3,780 bushels of oats from 67 acres; making a total of 9,716 bushels of wheat from 276 acres, an average of $31\frac{1}{4}$ bushels per acre. There were also 20 acres of potatoes which, though not yielding heavily, were a fine sample, 4,000 bushels being obtained. Of other vegetables, 15 acres yielded a fair crop. The wheat yield this year was less than in 1927 on 44 acres less. It was also the second crop on the C.N.R. section. Sixty acres were seeded to timothy, with barley as a nurse crop. This should save growing feed, and will make summer and fall pasture for milk cows; summer fallowed 125 acres on the south farm and back set 40, making 165 acres for wheat in the spring; fall ploughed 170 acres in addition to this.

Approaches were built to two bridges on the south farm which, when the road is completed, will do away with the road at present running through the south farm. This will square the farm and make it much easier to work.

ANNUAL REPORT OF PRISONERS, PROVINCIAL GAOL, FORT SASKATCHEWAN
Fiscal Year Ending March 31, 1929

Month.	MALE		Discharged.	
	Comm.	Sent.	Comm.	Sent.
April	12	47	10	45
May	19	50	18	57
June	11	88	16	52
July	34	106	19	74
August	25	38	22	100
September	11	49	25	47
October	20	125	16	63
November	27	137	27	130
December	38	125	33	125
January, 1929	24	100	30	95
February	15	105	15	73
March	17	120	19	116
	253	1090	250	977
Total number of Male Prisoners admitted 1343				
Total number of Male Prisoners discharged 1227				
			Comm.	Sent.
Male Prisoners in Gaol, March 31st, 1928			7	120
Male Prisoners admitted during year ending March 31st, 1929.....	253			1090
			260	1210
Male Prisoners discharged during year ending March 31st, 1929.....			250	977
Male Prisoners in Gaol, March 31st, 1929			10	233
Total number of Prisoners in Gaol, March 31st, 1929.....				243

DISCHARGES DURING THE YEAR ENDING MARCH 31st, 1929

Time expired	780
Released for trial	235
Paroled	29
Paid Fine	24
Released on Bail	24
Deported	25
Transferred to Asylum	6
By Order of the Attorney General	8
Transferred to A.P.P.	10
Released as Witness	12
Transferred to Penitentiary	9
Appeals	5
Released by order of Dr. Orr	21
Transferred to Hospital	2
Conviction quashed	3
Released by order of Immigration Department	19
Escaped	3
Transferred to R.C.M.P.	12
Total.....	<u>1227</u>

COUNTRY OF BIRTH

Canada	439	Sweden	17
United States	99	South Africa	1
England	112	Denmark	16
Belgium	3	Roumania	3
Austria	126	Wales	10
Russia	30	Germany	14
Ireland	41	Finland	6
Scotland	84	Australia	5
France	1	India	2
Poland	28	Serbia	3
Norway	43	Total.....	<u>1090</u>
Switzerland	3		
Italy	2		

CONVICTIONS UNDER THE LIQUOR ACT

Alberta Liquor Act	406
Inland Revenue Act	32
	<u>438</u>

CIVIL STATE

Single	753
Married	268
Widower	60
Divorced	9
	<u>1090</u>

Number of Prisoners having received full remission	760
Number of Prisoners having received part remission.....	27
Number of Prisoners having lost all remission	7
Number of Prisoners not entitled to remission or fine paid.....	<u>183</u>
	<u>977</u>

FEMALE

Month.	Admitted.		Discharged.	
	Comm.	Sent.	Comm.	Sent.
April	0	3	0	5
May	1	7	0	5
June	3	14	2	8
July	1	7	2	9
August	0	5	1	4
September	0	13	0	15
October	0	10	0	10
November	1	5	0	6
December	0	6	0	13
January, 1929	0	2	0	2
February	2	17	0	5
March	1	13	3	9
	<u>9</u>	<u>102</u>	<u>8</u>	<u>91</u>

Total number Female Prisoners admitted	111
Total number Female Prisoners discharged	<u>99</u>

	Comm.	Sent.
Female Prisoners in Gaol, March 31st, 1928	0	12
Female Prisoners admitted during year ending March 31st, 1929.....	9	<u>102</u>
	9	114
Female Prisoners discharged during year ending March 31st, 1929.....	8	<u>91</u>
Female Prisoners in Gaol, March 31st, 1929	1	<u>23</u>
Total number of Prisoners in Gaol, March 31st, 1929.....		<u>24</u>

DEPARTMENT OF PUBLIC WORKS

DISCHARGES DURING THE YEAR ENDING MARCH 31st, 1929

Time expired	69
Released by order of Dr. Orr	3
Paid Fine	6
Released for trial	6
Transferred to Asylum	1
Deported	1
Released on bail	2
Released by order of Attorney General	1
Paroled	1
Out as witness	2
Appeals	3
Sentence quashed	1
Transferred to Hospital	1
Transferred to A.P.P.	2
	<u>99</u>

PROVINCIAL GAOL, FORT SASKATCHEWAN

PER CAPITA COST (AVERAGE MONTHLY POPULATION 7073.8) FOR YEAR
APRIL 1st, 1928, TO MARCH 31st, 1929

ADMINISTRATION	Expendi- ture	Stock on Hand Mar. 31, 1928	Total	Less Stock on Hand Mar. 31, 1929	Cost
Automobiles	\$ 1,258.57		\$ 1,258.57		\$ 1,258.57
Board	7,856.47	\$ 1,223.00	8,579.47	\$ 2,614.49	5,964.98
Clothing	3,596.25	7,633.23	11,229.48	9,639.48	1,590.00
Equipment	590.91		590.91		590.91
Feed and Seed	635.20		635.20		635.20
Farm and Garden		19,973.85	19,973.85	19,937.50	36.35
Fees and Commissions	233.00		233.00		233.00
Freight, Express and Cartage	593.33		593.33		593.33
Heat, Light and Power	65.26		65.26		65.26
Hospital and Medical Supplies	288.37	89.00	377.37	60.00	317.37
Laundry and Cleaning	76.76	2,312.32	2,389.08	2,389.08	
Livestock	455.42		455.42		455.42
Material	1,898.20		1,898.20	60.55	1,837.65
Medical Services	248.35		248.35		248.35
Miscellaneous Expenses	441.10		441.10		441.10
Postage, Telegrams and Tele- phones	155.20		155.20		155.20
Printing, Stationery, Office Sup- plies	207.07	398.45	605.52	519.30	86.22
Repairs and Replacements	1,187.97		1,187.97		1,187.97
Travelling Expenses	2,784.46		2,784.46		2,784.46
Veterinary Services and Supplies	37.00		37.00		37.00
Wages	346.50		346.50		346.50
Salaries	23,885.37		23,885.37		23,885.37
	<u>\$46,340.76</u>	<u>\$31,629.85</u>	<u>\$77,970.61</u>	<u>\$35,220.40</u>	<u>\$42,750.21</u>
MAINTENANCE					
Repairs to Building	\$ 2,530.06	\$ 540.16	\$ 3,070.22		\$ 3,070.22
Electrical Repairs	52.50		52.50		52.50
Insurance	1,901.19		1,901.19		1,901.19
Telephone Rental	403.80		403.80		403.80
Gardeners' Wages	1,200.00		1,200.00		1,200.00
General Expenses	74.14		74.14		74.14
	<u>\$ 6,161.69</u>	<u>\$ 540.16</u>	<u>\$ 6,701.85</u>		<u>\$ 6,701.85</u>
OPERATION					
Fuel Oil	\$ 1,218.78	\$ 65.00	\$ 1,283.78	\$ 65.00	\$ 1,218.78
Coal	4,790.89	311.99	5,102.88	311.90	4,790.98
Freight on Coal	2,003.24		2,003.24		2,003.24
Repairs to Machinery	385.46		385.46		385.46
Heating Supplies	903.04		903.04		903.04
Machinery Parts	91.97		91.97		91.97
Extra Assistance, Engineers	1,586.61		1,586.61		1,586.61
Power Plant Supplies	910.10		910.10		910.10
Sundries	443.21	315.50	758.71	315.50	443.21
Rent of Spur	10.00		10.00		10.00
Repairs to Building	656.55		656.55		656.55
Electrical Repairs	346.54		346.54		346.54
Salaries	7,620.00		7,620.00		7,620.00
	<u>\$20,966.39</u>	<u>\$ 692.49</u>	<u>\$21,658.88</u>	<u>\$ 692.40</u>	<u>\$20,966.48</u>

SUMMARY

Administration	\$42,750.21		
Maintenance	6,701.85		
Operation	20,966.48		
	<u>\$70,418.54</u>		
Average Daily Population	232.5		
Gross	\$70,418.54		
Revenue	21,258.46		
	<u>Net Cost</u>		
	<u>\$49,160.08</u>		
		Per Capita cost per prisoner per	
		year	\$302.87
		Per Capita cost per prisoner per	
		day	.82.98
		Net Cost per capita per day.....	.57.9

PROVINCIAL GAOL, LETHBRIDGE

(W. G. EDGENTON, *Warden*)

The report will show that the average daily population for this gaol was 150.18 as against 107.89 for the year ending March 31, 1928, an increase of 42.29.

The building operations for the year consisted of the erection of two houses, also the erection of a woven wire fence set in cement blocks along a portion of the main road, including a large double iron entrance gate.

The farm operations show the following results:

Kind of Grain.	No. of Acres.	No. of Bushels.
Wheat	195	5,528
Barley	70	2,009
Oats	84	4,500
Vegetables, Etc.		
Potatoes	40	200
Turnips	5	40
Mangels	5	50
Sugar Beets	17	60
Hay	300	750
Green Feed	25	50
Carrots .....	....	50
Cabbage .....	....	20
Parsnips .....	....	5
Table Beets .....	....	10
No Ensilage.		

NUMBER OF PRISONERS ADMITTED AND DISCHARGED DURING 1928-29

Month.	Daily Average.	Admitted.		Discharged.	
		Sent.	Comm. Rem.	Sent.	Comm. Rem.
April	127.76	85	3	78	2
May	137.09	110	3	125	2
June	124.40	107	4	74	6
July	149.30	81	3	96	2
August	131.00	86	3	100	0
September	127.13	67	1	65	5
October	163.64	121	5	73	2
November	159.66	118	0	106	6
December	162.00	81	4	108	0
January	161.09	80	6	78	3
February	165.71	87	5	81	8
March	175.38	98	6	102	7
Year's Average	150.18	1121	43	1086	43

Total number of Prisoners admitted during year 1928-29..... 1208
Total number of Prisoners discharged during year 1928-29..... 1171

	Sent.	Comm. Rem.	Total.
Number of Prisoners in Gaol on March 31st, 1928.....	127	3	130
Number of Prisoners admitted during year 1928-29.....	1121	43	1208
	1248	46	1338
Prisoners discharged during year 1928-29.....	1086	43	1171
Prisoners in Gaol on March 31st, 1929	162	3	167

Prisoners served previous sentence 356
Number of days remission earned during year 2187
Number of Prisoners participating 701
Average number of days remission per man 3.1

NATIONALITIES

BRITISH

Canadians	580	India	2
Scotch	142	South African	2
English	97		
Irish	52		
Welsh	12		
			887

FOREIGN

U.S.A.	130	Italy	7
Austria	28	China	5
Poland	23	Switzerland	5
Sweden	21	Holland	3
Russia	15	Malay States	3
Norway	15	Belgium	1
Hungary	14	Ukraine	1
Finland	12	Galicia	1
Czecho-Slovakia	10	France	2
Denmark	9		
Roumania	9		321
Germany	7		
		Sum Total	1208

SENTENCES

Under thirty days	187	Twenty-three months	1
Thirty days to two months	637	Two years less one day	4
Two to three months	106	Sent to P.A.	1
Three to four months	69	Committed	49
Four to five months	21	Remanded	24
Six to nine months	64	Held under V.D. Act	2
One year	33		
One year to eighteen months	10	Total	1208

CIVIL STATE

Single	871	Divorced	12
Married	251		
Widowed	63	Total	1208
Separated	11		

AGES

Under twenty years of age	110	Between sixty and seventy	36
Between twenty and thirty	418	Over seventy years of age	6
Between thirty and forty	339	No particulars	1
Between forty and fifty	215		
Between fifty and sixty	83	Total	1268

DISCHARGES

Expiration of sentence	949	Released pending an appeal	3
To Court	91	To Van Haarlem Hospital	2
Committed to be sentenced	25	By order of doctor	2
Fine and costs paid	23	Conviction quashed	2
Deported	18	Escaped	2
To Galt Hospital	11	Died in hospital	2
Remanded to be sentenced	10	Sent to P.A.	1
By order of Immigration	7	Extradited to Court	1
Paroled	6	Too old to sentence	1
Sent to Ponoka Mental Hospital	5		
By order of Governor General	5	Total	1208
Released on bail	5		

CRIMES

CRIMES AGAINST RELIGION AND MORALS

Vagrancy	319	Attempted carnal knowledge	2
Indecent act	3	Carnal knowledge	1
Contributing to delinquency	5	Keeping disorderly house	1
Indecent exposure	2		
Bigamy	2	Total	335

CRIMES AGAINST THE PERSON

Indecent assault	9	Perjury	2
Assault	26	Murder	1
Causing grievous bodily harm	8	Attempted	1
Gross indecency	6	Manslaughter	1
Robbery with violence	5	Shooting with intent to kill	1
Unlawfully wounding	3		
Attempted suicide	2	Total	67
Non-support	2		

CRIMES AGAINST PROPERTY

Breaking, entering and theft	88	Breaking and entering	3
Attempted breaking and entering	2	Forgery	15
Theft	42	Taking and using car	5
Theft of car	12	Receiving stolen property	5
Theft of grain	5	Cattle stealing	5
Theft of mail	1	Arson	1
False pretences	41		
Fraud	36	Total	278
Wilful damage	17		

DEPARTMENT OF PUBLIC WORKS

CRIMES AGAINST ANY OTHER ACT			
Violation of the Liquor Act.....	266	Violation of the Master and Servant Act	1
Violation of the Railways Act	176	Carrying concealed weapons	9
Violation of the Indian Act	36	Assaulting a police officer	4
Violation of the Highways and Vehicles Act	13	Assisting prisoners to escape	3
Violation of the Drug Act	6	Blackmail	2
Violation of the V.D. Act	2	Insanity	2
Violation of the Inland Revenue Act	1	Passing counterfeit money	1
Violation of the Hotel Keepers Act	1	Escaping from custody	1
Violation of the Forest Reserve Act	1	Bringing stolen goods into Canada..	1
Violation of the Immigration Act.....	2	Total.....	528
		Crimes Sum Total	1208

PROVINCIAL GAOL, LETHBRIDGE

PER CAPITA COST (AVERAGE DAILY POPULATION 150.18) FOR YEAR
APRIL 1st, 1928, TO MARCH 31st, 1929

ADMINISTRATION	Expendi- ture	Stock on Hand April 1, 1928	Total	Less Stock on Hand Mar. 31, 1929	Cost
Automobiles	\$ 730.00	\$ 1,835.65	\$ 2,565.65	\$ 1,413.25	\$ 1,152.40
Board (Provisions, Meats, etc.) and Maintenance prisoners out- side Gaol	6,299.32	989.94	7,289.26	1,065.83	6,223.43
Burial Expenses	70.00		70.00		70.00
Clothing, Dry Goods	3,126.83	5,201.39	8,328.22	5,753.07	2,575.15
Equipment	387.88	3,790.03	4,177.91	3,734.01	443.90
Fees (Services, etc.)	378.42		378.42		378.42
Freight, Express and Cartage	606.96		606.96		606.96
Heat, Light and Power	106.00		106.00		106.00
Hospital and Medical Supplies	434.16	118.00	552.16	134.05	418.11
Laundry and Cleaning	503.38	635.94	1,139.32	204.01	935.31
Feed and Seed	73.42				
Stock Supplies	3,416.08	19,536.16	23,025.66	19,795.81	3,229.85
Material	2,038.35		2,038.35		2,038.35
Medical Services	2,318.30		2,318.30		2,318.30
Miscellaneous Expenses	110.00		110.00		110.00
Newspapers and Periodicals	8.50		8.50		8.50
Postage and Telegrams	186.18		186.18		186.18
Printing and Stationery	237.81	317.02	554.83	261.98	292.85
Rates, Rental, Insurance	1,193.60		1,193.60		1,193.60
Repairs and Replacements	1,441.00		1,441.00		1,441.00
Travelling Expenses	3,787.33		3,787.33		3,787.33
Veterinary Services and Supplies	14.35		14.35		14.35
Salaries	19,813.65		19,813.65		19,813.65
	\$47,281.52	\$32,424.13	\$79,705.65	\$32,362.01	\$47,343.64
MAINTENANCE					
Repairs to Building	\$ 2,434.84	\$ 162.44	\$ 2,597.28	\$ 545.84	\$ 2,051.44
Electrical Repairs	65.31		65.31		65.31
Insurance	1,575.06		1,575.06		1,575.06
Telephone Rental	544.20		544.20		544.20
General Expenses	155.33		155.33		155.33
Repairs to Furniture	13.96	56.70	70.66	21.00	49.66
Plumbing and Heating Supplies	64.47		64.47		64.47
Salaries	180.00		180.00	130.00	50.00
	\$ 5,033.17	\$ 219.14	\$ 5,252.31	\$ 696.84	\$ 4,555.47
OPERATION					
Water	\$ 855.49		\$ 855.49		\$ 855.49
General Expenses	97.62		97.62		97.62
Coal	2,111.05	\$ 914.10	3,025.15	\$ 1,112.10	1,913.05
Freight on Coal	1,161.91		1,161.91		1,161.91
Repairs to Machinery	471.07		471.07		471.07
Heating Supplies	256.17		256.17		256.17
Power Plant Supplies	664.43	886.20	1,550.63	192.75	1,357.88
Rent of Spur	94.85		94.85		94.85
Wages of Engineers (Temporary)	135.00		135.00		135.00
Repairs to Building	360.15		360.15		360.15
Electrical Repairs	455.17		455.17		455.17
Salaries	8,565.00		8,565.00		8,565.00
	\$15,227.91	\$ 1,800.30	\$17,028.21	\$ 1,304.85	\$15,723.36

Administration\$47,343.64
Maintenance 4,555.47
Operation 15,723.36

\$67,622.47

Average Daily Population 150.18
Gross\$67,622.17
Revenue 16,865.63

Net Cost\$50,756.48

Per capita cost per prisoner per
year\$450.28
Per Capita cost per prisoner per
day 1.233
Net Cost per capita per day..... .926

